

# (12) UK Patent Application (19) GB (11) 2 320 790 (13) A

(43) Date of A Publication 01.07.1998

(21) Application No 9727254.6

(22) Date of Filing 23.12.1997

(30) Priority Data

(31) 9677695

(32) 30.12.1996

(33) KR

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(51) INT CL<sup>6</sup>

G02F 1/1335

(52) UK CL (Edition P)

G5C CA310 CA342 CA375 CHG

(56) Documents Cited

GB 2309572 A GB 2302978 A GB 2278223 A

(58) Field of Search

UK CL (Edition P) G5C CHG

INT CL<sup>6</sup> G02F 1/1335

ONLINE: WPI/INSPEC

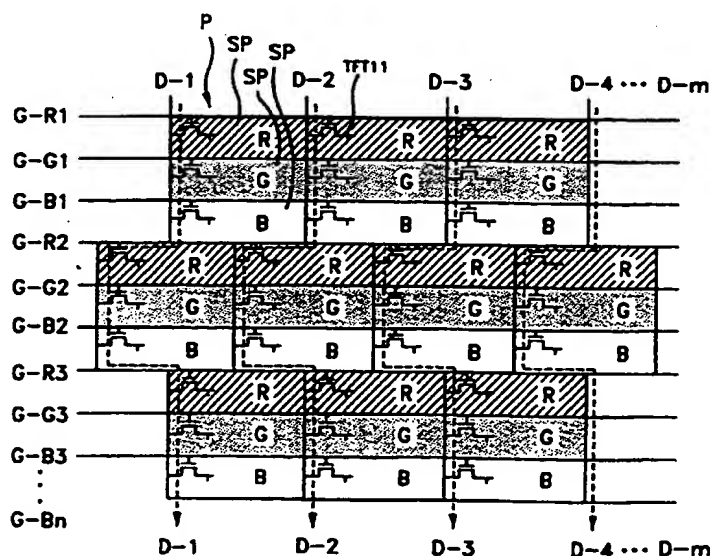
(54) Abstract Title

Offset pixel arrangement

(57) The pixels of a structure are arranged in rows in a first direction, each pixel being made up of three colour filter sub-pixels. The sub-pixels are arranged in a predetermined order RGB in the direction perpendicular to the length of the rows. The pixels in one row are offset by a predetermined distance from the pixels in an adjacent row. The arrangement improves the horizontal direction definition and allows the treatment of curve components.

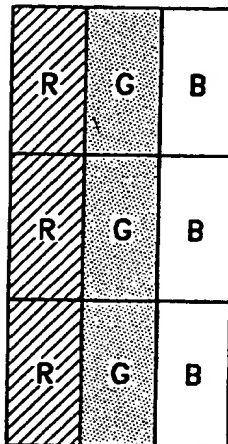
Also disclosed is a system for driving the LCD device whereby the driving frame is divided into first, second and third sub-frames with each sub-frame driving one of the sub-pixel colours.

FIG.2



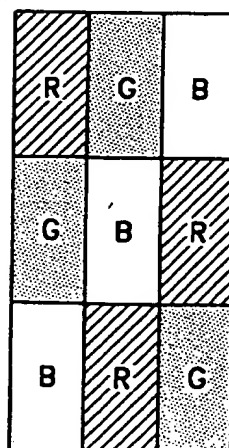
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**FIG.1A**  
(PRIOR ART)



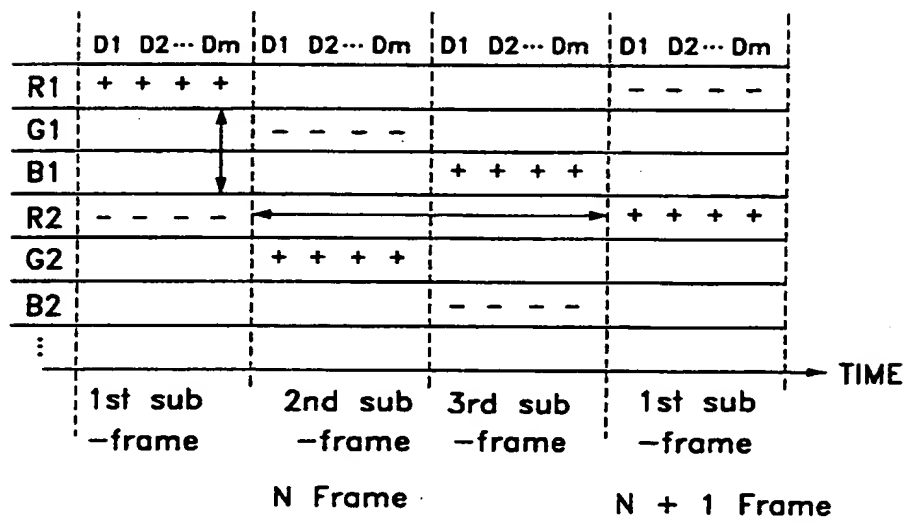
RGB stripe

**FIG.1A**  
(PRIOR ART)



RGB mosaic

FIG.3



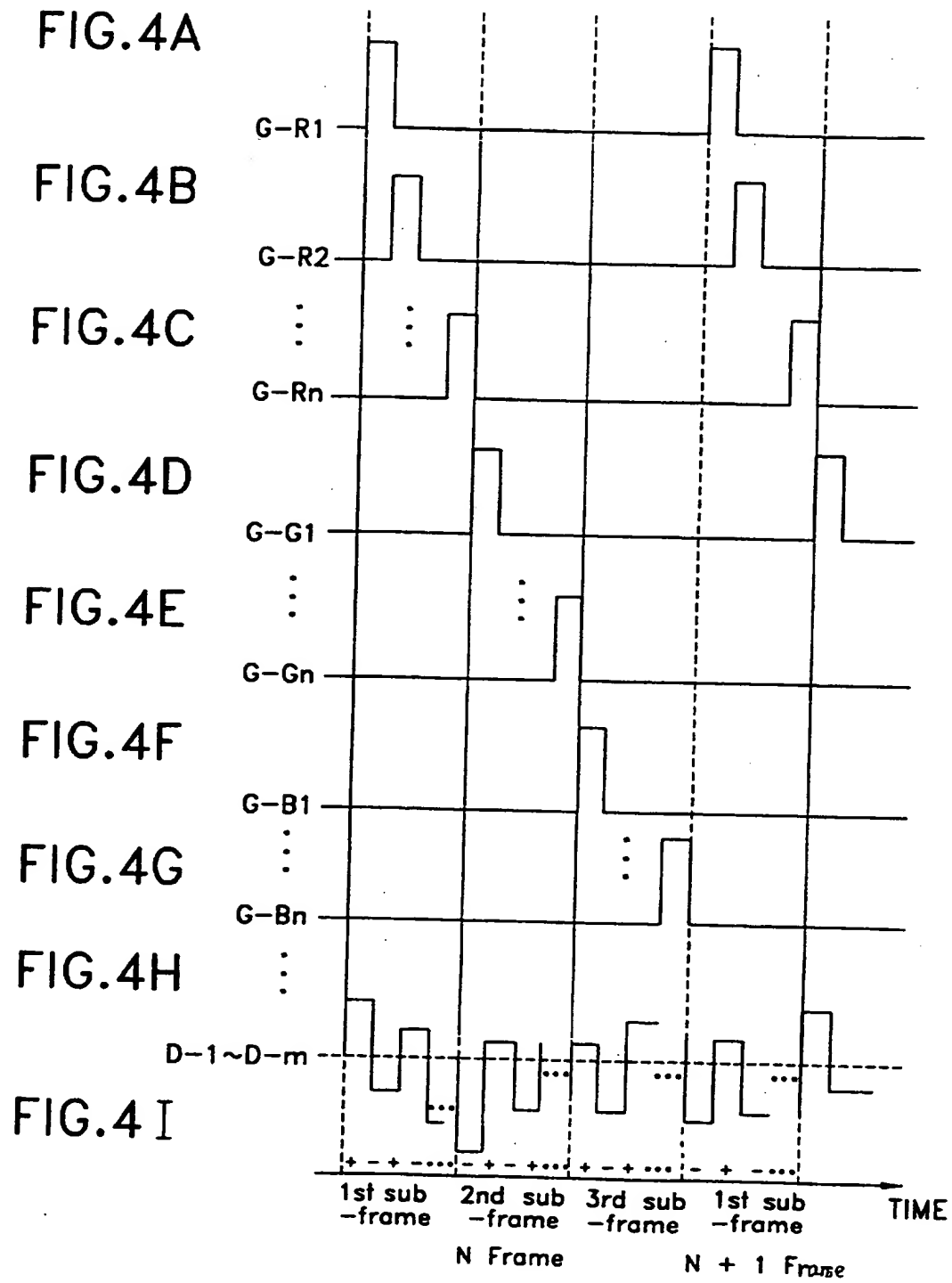


FIG.5

